

Converting Colors

XYZ(72.5764, 75.9516, 76.5740)

Have a look what the booklet for
XYZ(72.5764, 75.9516, 76.5740)
contains.

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Color

**XYZ(72.4046, 75.8491,
76.4699)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1D9
RGB	231, 225, 217
RGB Percent	91%, 88%, 85%
CMY	0.0941, 0.1176, 0.1490
CMYK	0.00, 0.03, 0.06, 0.09
HSL	34°, 23%, 88%
HSV	34°, 6%, 91%
XYZ	72.4046, 75.8491, 76.4699
YIQ	225.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

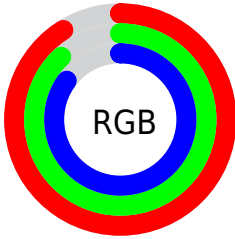
Format	Color
R_{YB}	228, 231, 217
Decimal	15196633
CIE _{Lab}	89.79, 0.66, 4.62
CIE _{LCh}	90, 4.666, 81.899
Yxy	75.8491, 0.3222, 0.3375
Android (android.graphics.Color)	4293386713 (0xFFE7E1D9)
YUV	225.8820, -4.3788, 4.4885
Hunter-Lab	87.0914, -4.0115, 8.9049

Details

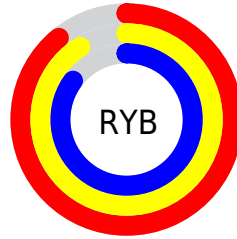
The XYZ color **72.4046, 75.8491, 76.4699** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4267, 73.2955, 86.0905**, and the grayscale version is **72.2328, 75.9945, 82.7581**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5755, 40.4720, 39.9612** is the 20% darker color. If you saturate the color by 10%, you get **67.0110, 69.5379, 60.8713**, and if you desaturate by 10%, it is **78.3781, 82.6452, 94.3386**.

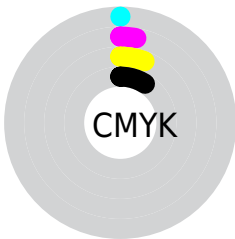
Distribution



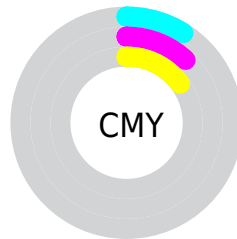
- Red (91%)
- Green (88%)
- Blue (85%)



- Red (89%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (9%)



- Cyan (9%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4046, 75.8491, 76.4699 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 72.4046, 75.8491, 76.4699 by changing the saturation by 10% instead.

■ 72.4046, 75.8491,
76.4699

■ 72.4046, 75.8491,
76.4699

458.0844,
480.8310, 502.3443

■ 53.7759, 56.3088,
56.3089

121.6393,
127.5136, 130.1571

■ 38.6525, 40.4505,
40.0450

152.9760,
160.4065, 164.5204

■ 26.6690, 27.8900,
27.2596

189.2794,
198.5191, 204.4549

■ 17.4601, 18.2428,
17.5341

230.9148,
242.2358, 250.3792

■ 10.6604, 11.1244,
10.4501

278.2477,
291.9409, 302.7117

■ 5.9046, 6.1506,
5.5889

331.6434,

■ 2.8272, 2.9369,

348.0189, 361.8710

2.5320

391.4672,
410.8541, 428.2757

■ 1.0631, 1.0989,
0.8571

■ 0.0000, 0.0000,
0.0000

■ 72.4046, 75.8491,
76.4699

■ 72.4046, 75.8491,
76.4699

■ 67.0110, 69.5379,
60.8713

■ 78.3781, 82.6452,
94.3386

■ 62.1709, 63.6894,
47.4455

■ 83.5949, 89.3882,
107.4555

■ 57.8653, 58.2942,
36.0953

■ 86.6650, 95.5284,
108.4788

■ 54.0712, 53.3389,
26.7143

■ 86.7654, 95.7291,
108.5123

■ 50.7642, 48.8089,
19.1865

■ 47.9170, 44.6889,
13.3837

■ 45.4993, 40.9620,
9.1607

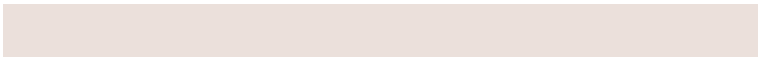
■ 43.4761, 37.6091,
6.3487

■ 41.8047, 34.6080,
4.7380

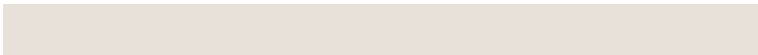
Harmonies

Analogous

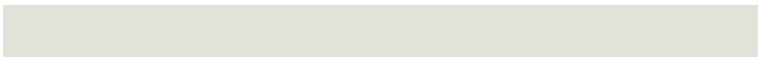
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.4664, 75.8491, 77.6992



72.4046, 75.8491, 76.4699



71.2701, 75.8491, 76.8449

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.4046, 75.8491, 76.4699



70.0585, 75.8491, 84.9731



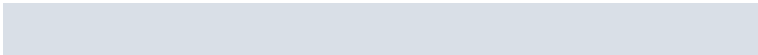
73.8478, 75.8491, 86.5595

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



72.4046, 75.8491, 76.4699



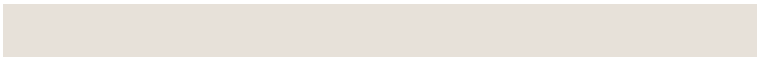
69.4267, 73.2955, 86.0905

Split Complementary

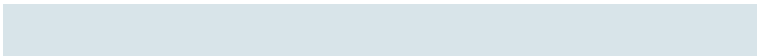
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9208, 75.8491, 88.6078



72.4046, 75.8491, 76.4699



70.7354, 75.8491, 87.6751

Square

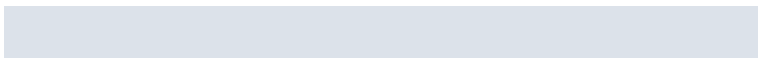
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4046, 75.8491, 76.4699



69.9236, 75.8491, 81.6969



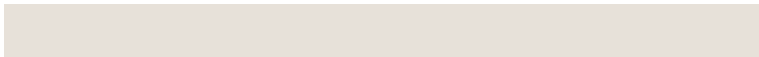
71.7809, 75.8491, 89.0214



74.3054, 75.8491, 83.4831

Rectangle

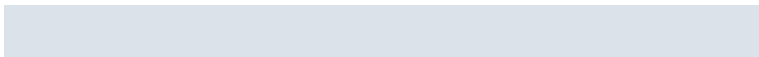
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4046, 75.8491, 76.4699



70.6245, 75.8491, 77.9587



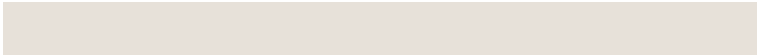
71.7809, 75.8491, 89.0214



73.5802, 75.8491, 87.3945

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



72.4067, 75.8524, 76.4715



93.5468, 98.2902, 104.4017



71.0972, 71.9471, 80.0002



20.0387, 21.0561, 22.3934



0.0000, 0.0000, 0.0000



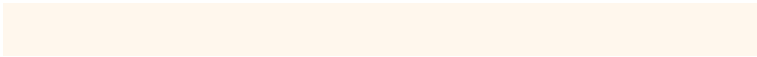
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4067, 75.8524, 76.4715



89.9175, 94.1222, 93.6640



73.7558, 78.9966, 77.0073



15.2813, 15.9889, 15.7995



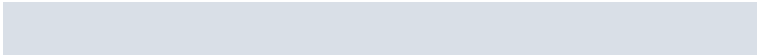
23.2316, 19.0374, 2.4501



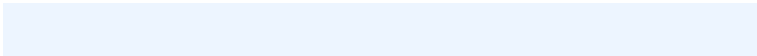
1.8085, 1.5903, 0.2116

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69.4267, 73.2955, 86.0905



85.6155, 90.4310, 107.5503



68.1313, 70.2916, 85.5789



14.4953, 15.3145, 18.3364



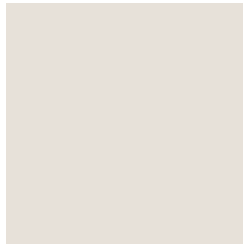
10.7016, 8.4652, 43.4531



0.8814, 0.8068, 3.2412

Previews

White Background



This preview shows how the XYZ color 72.4046, 75.8491, 76.4699 looks on a white background.

Color Contrast Check

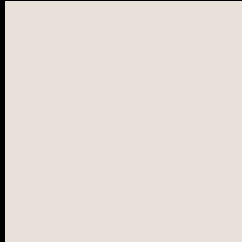
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 72.4046, 75.8491, 76.4699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

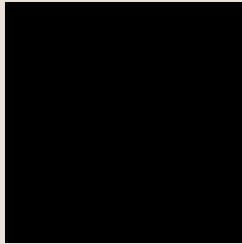
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

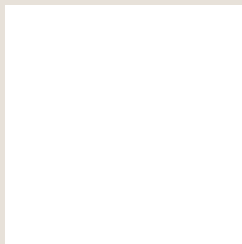
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4046, 75.8491, 76.4699

Background



This preview shows how black text looks on a background with the XYZ color 72.4046, 75.8491, 76.4699.

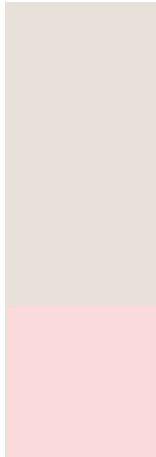


This preview shows how white text looks on a background with the XYZ color 72.4046, 75.8491,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

72.4046, 75.8491, 76.4699

Protanopia

72.7283, 76.0160, 76.4850

Deuteranopia

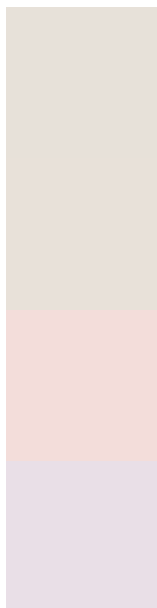
77.1506, 75.5288, 76.8419



Tritanopia

75.6329, 75.9670, 92.3382

Trichromacy



Original Color

72.4046, 75.8491, 76.4699

Protanomaly

72.7283, 76.0160, 76.4850

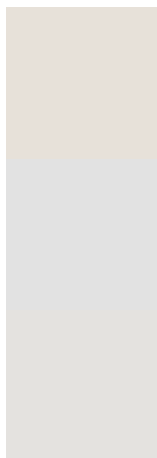
Deuteranomaly

75.4735, 75.8295, 76.9884

Tritanomaly

74.4158, 75.8685, 86.3233

Monochromacy



Original Color

72.4046, 75.8491, 76.4699

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.5105, 76.2144, 80.7012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4046, 75.8491, 76.4699 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(231, 225, 217) looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 217)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(231, 225, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 217) }
```

Border

The CSS property to change the border of an element to XYZ 72.4046, 75.8491, 76.4699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 225, 217) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(231, 225, 217) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(231, 225, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 217);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4046, 75.8491, 76.4699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 217) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(231,  
225, 217) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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